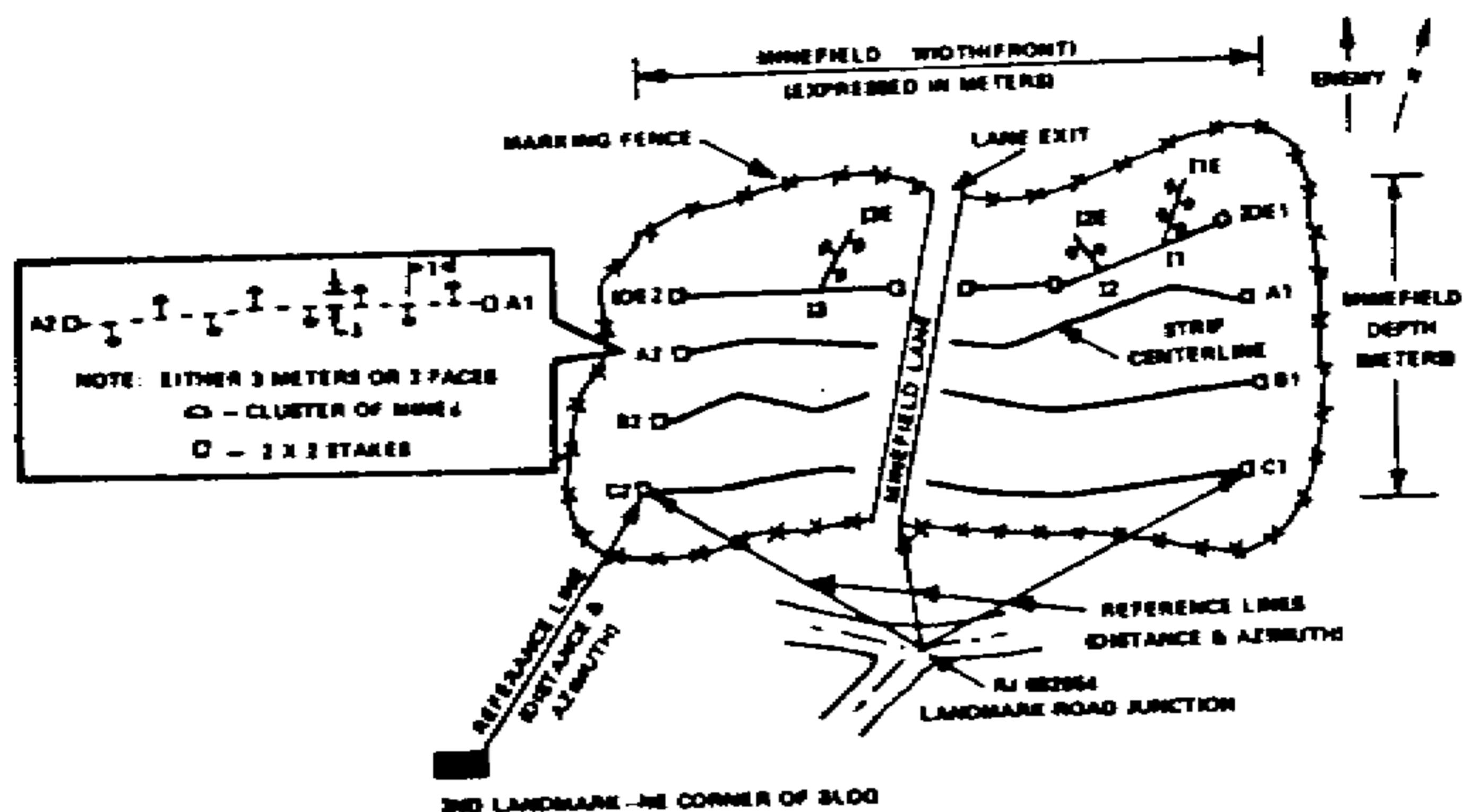
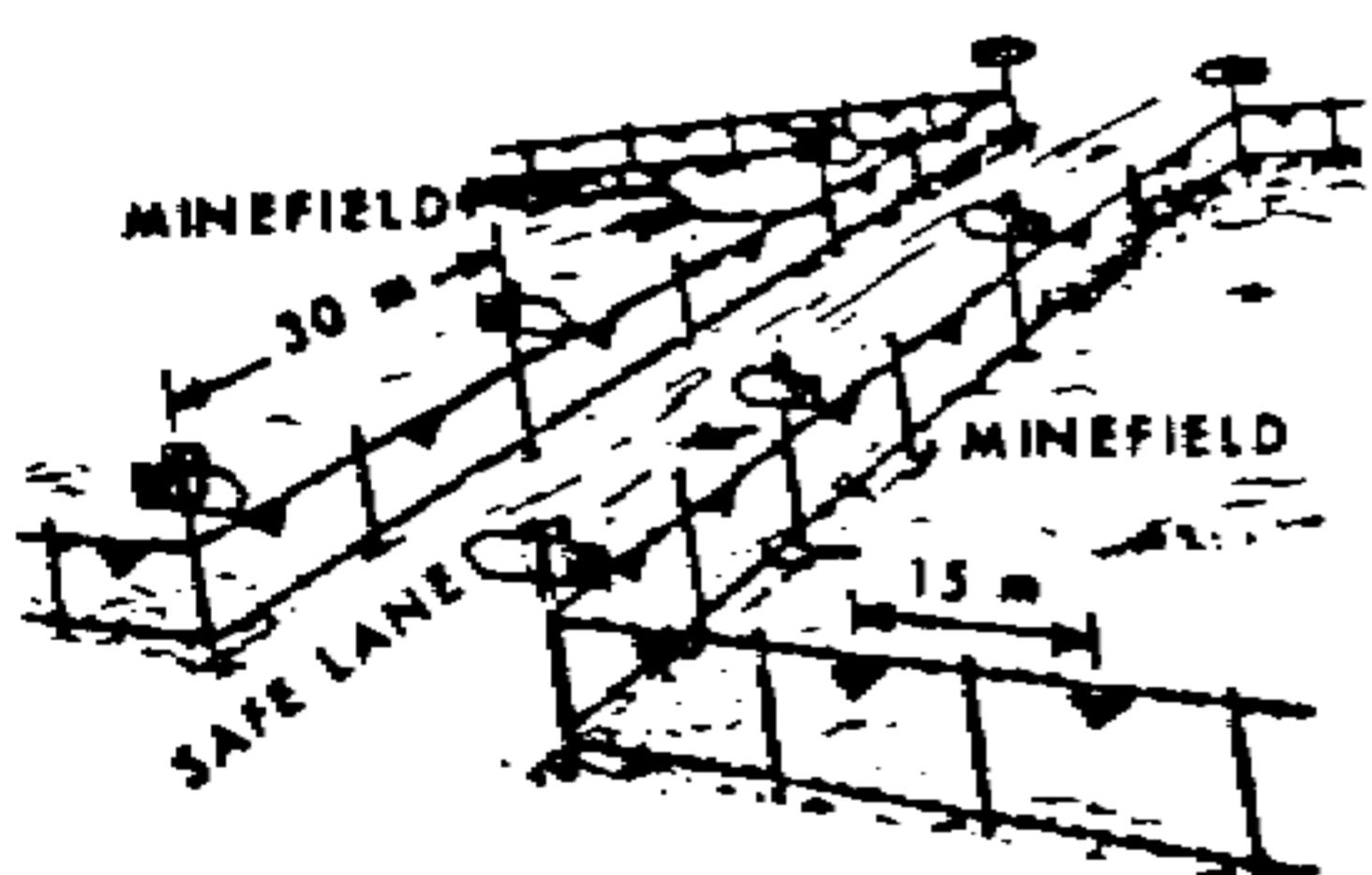


GTA 5-10-27 MINE CARD

NOVEMBER 1975 (Supersedes GTA 5-10-10, June, 1970)



STANDARD PATTERN MINEFIELD FENCED, MARKED, AND REFERENCED



MARKING OF MINED TERRAIN

WARNING SIGNS FOR AREAS CONTAINING MINES

HIGH EXPLOSIVE MINES CHEMICAL MINES



RED BACKGROUND
WHITE LETTERS



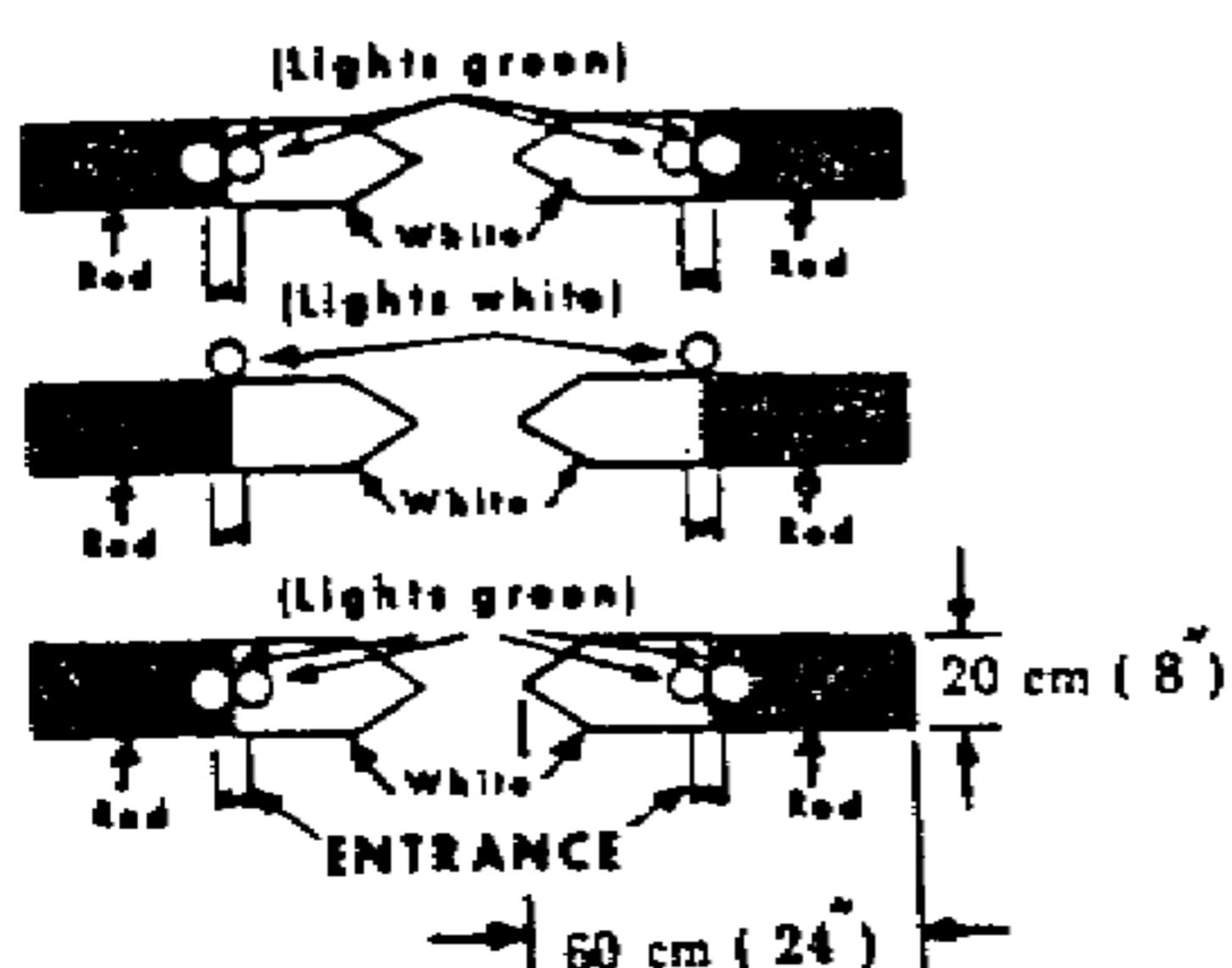
RED BACKGROUND
YELLOW LETTERS
YELLOW STRIPE

BACKSIDE OF SIGNS RED WITH NO OTHER MARKINGS



WIRE FENCING FOR MINEFIELD CONTAINING CHEMICAL MINES

1 HIGH EXPLOSIVE MINES IMPLIED



STANDARD REAR AREA LANE MARKING

**M14
BLAST
ANTIPERSONNEL
MINE**



Wt 3 1/3 oz.
Explosive ... 1 oz. TETRYL
Fuze integral
(with Belleville Spring)
Functioning 20 to 35 lbs.
Penetrates Boot & Foot



Unscrew shipping plug
from bottom of mine.
Turn pressure plate to
ARMED position with
arming tool.



Remove safety clip and
check for malfunctioning.



Replace safety clip.



Screw detonator into
detonator well.



TO BURY: Pressure plate
should be slightly above
ground level.

TO DISARM: Insert safety
clip and remove detonator.

CAUTION: Repeated
turning of arming dial may
cause excessive wear.

**M16A1
BOUNDING
ANTIPERSONNEL
MINES**

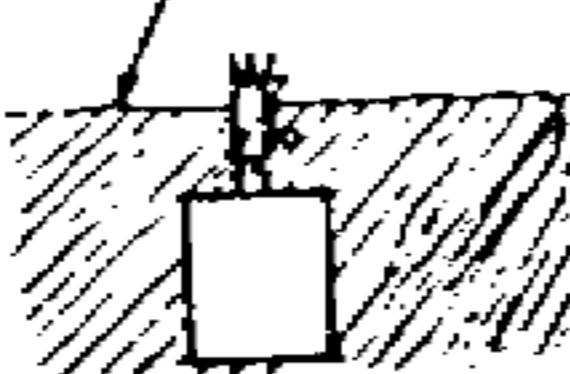


Wt 8.25 lb.
Projectiles Steel
Fuze M605
(Combination)
Functioning:
Pressure ... 8 to 20 lbs
Pull 3 to 10 lbs
Bounding Ht .6-1.2m
Casualty radius 30m

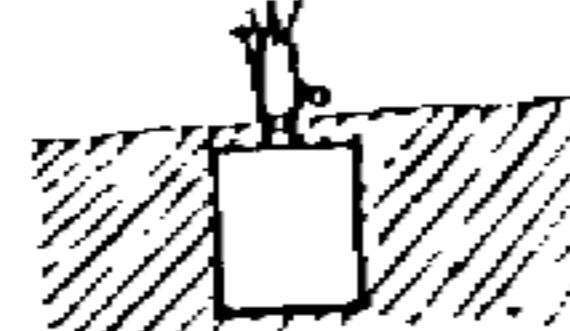


Remove shipping plug and
screw in fuze.

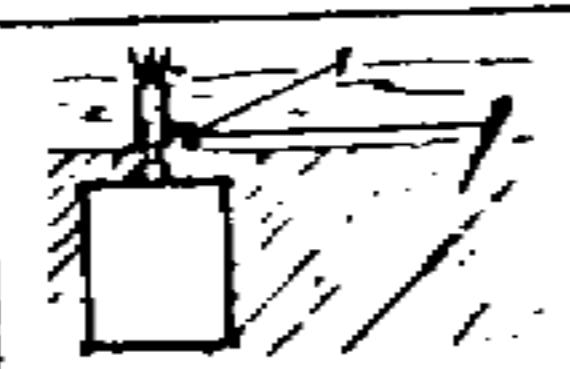
GROUND LEVEL



Pressure installation



Tripwire installation



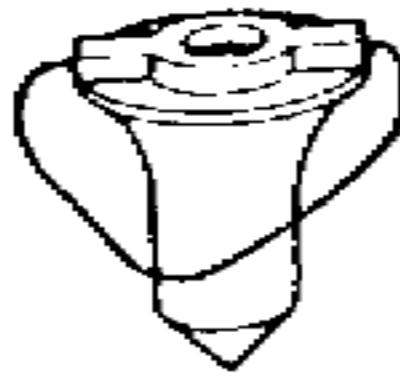
Attach tripwires - first to
anchor, then to pull ring.



Remove locking safety pin
first. The interlocking pins
should fall free. Then
remove positive safety

TO DISARM: Reverse
arming procedure.

**M25
BLAST
ANTIPERSONNEL
MINE (ELSIE)**



Wt 2 3/4 oz.
Explosive ... 1/3 oz. shape
charge
Fuze integral
(w/ball release)
Functioning.. 14 to 26 lbs
Penetrates Boot & Foot



Push mine into ground.
Keep dust cap in place. If
ground is hard, dig hole
with bayonet.



Remove dust cap.



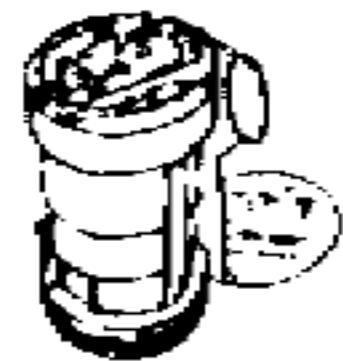
Insert charge.



Remove safety clip

TO DISARM: Reverse
arming procedure.

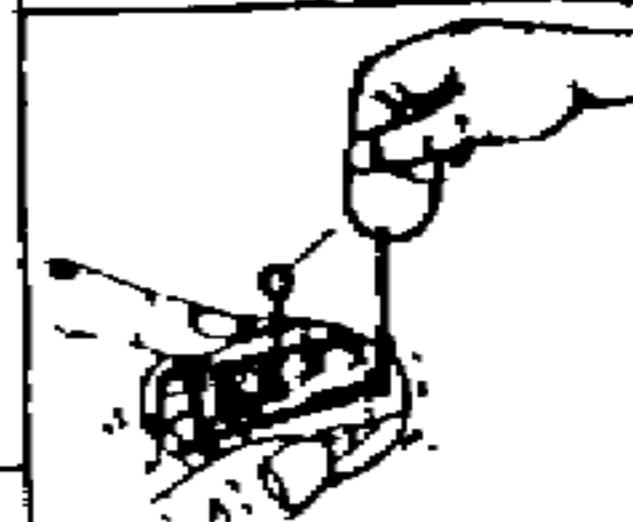
**M26
ANTIPERSONNEL
MINE**



Wt 2.2 LBS
Projectiles Pellets
Fuze integral
Functioning:
Pressure ... 14-28 lbs
Pull 4-8 lbs
Bounding Ht 3m
Casualty Radius 17m



Remove arming handle. (If
tripwire is to be used
install trip-lever; attach
slack wire to lever; and)
place mine in ground flush
with top of ground.



Remove arming latch
retaining pin.



Attach arming handle to
lugs on arming latch,
rotate the cover clockwise
until it comes to a positive
stop (the arrow will point
to the red letter "A"
armed).



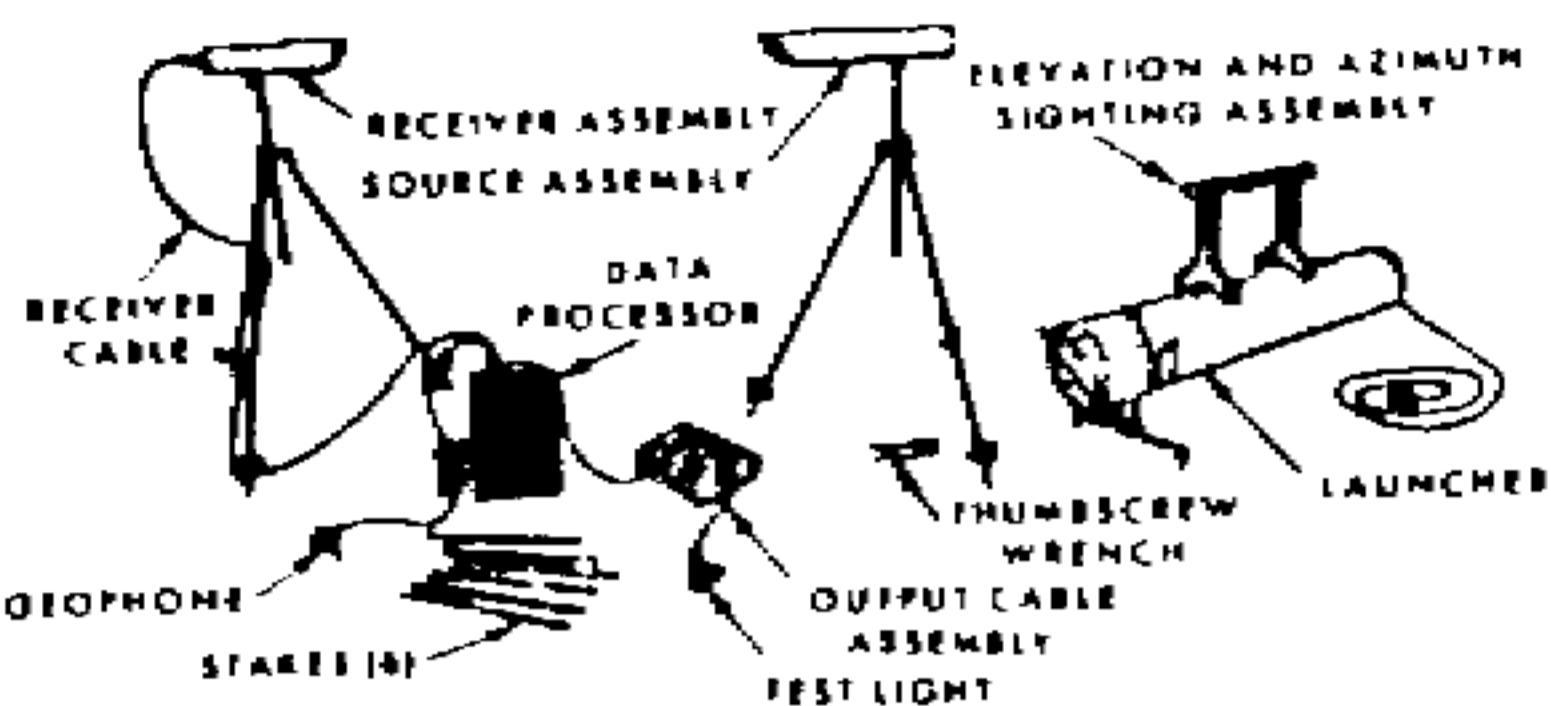
Remove arming latch by
pulling straight out with
the arming handle.

TO DISARM: Reverse
arming procedure.

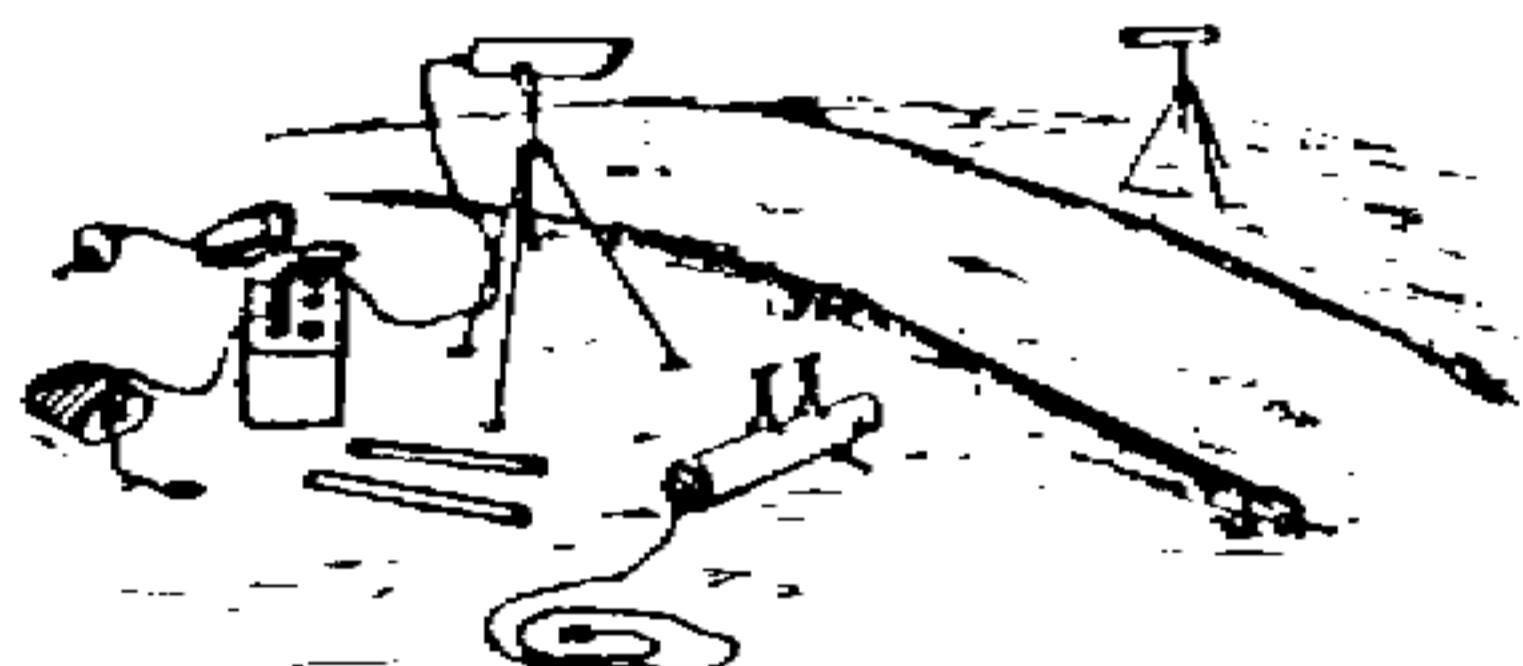
M18A1 FRAGMENTATION ANTIPERSONNEL MINE	M15 HEAVY ANTITANK MINES	M15 ANTITANK MINE USED WITH M608 FUZE	M19 PLASTIC HEAVY ANTITANK MINE
Wt ... 3.5 lbs Explosive ... 1.5 lb C4 Projectiles ... 700 (steel balls) Equipment: One electric cap 30m firing wire per mine. One electric firing device per mine. One Tester per 6 mines.	Wt ... 30 lbs Explosive ... 22 lbs. Fuze ... M603 Secondary fuze wells ... 2 Functioning ... 300 to 400 lbs	Functioning ... 200-350 lbs for 250-450 milliseconds. Secondary fuze wells ... 2 Resistant to blast type countermeasures.	Wt ... 28 lbs Explosive ... 21 lbs Fuze ... M606 integral (with pressure plate) Secondary fuze wells ... 2 Functioning ... 350 to 500 lbs
TEST CIRCUIT: Mate firing device, circuit tester and blasting cap. Depress handle. Light should show in window. Separate test components.	Remove plug and inspect fuze well.	LOCKING RING FUZE BASE	Remove pressure plate/fuze
ARMING IN ARMING THE M18A1 WHEN USING THE SLIT TYPE PEER SIGHT AIM THE MINE AT AN INDIVIDUAL'S HEAD WHEN STANDING 50M FROM THE MINE; WHEN USING THE KNIFE EDGE SIGHT AIM THE MINE AT AN INDIVIDUAL'S FEET WHEN STANDING 50M FROM THE MINE	Remove plug and inspect fuze well. Insure fuze is in SAFE position. Thread fuze into mine...HAND TIGHT	Remove shipping plug; check position of striker (offset). Remove safety fork, then turn dial to ARMED position. Check position of striker (center). Turn to SAFE and replace safety fork	Remove closing plug. Insert M120 booster in bottom, and replace closing plug
	Inspect fuze and remove safety.	Hold fuze to prevent rotating, turn locking ring down until it locks against pressure plate.	
Remove shipping plug-priming adapter. Insert blasting cap and screw into either cap well.			
	Insert fuze	Screw threaded detonator into detonator well.	Remove shipping plug from mine. Screw in fuze
Uncoil firing wire and connect directly to firing device with safety engaged.		Place mine in hole and remove pull pin from fuze.	
	Replace plug with dial in safe position	Place mine in hole, remove safety fork, and turn dial to ARMED.	Remove shipping plug from mine and screw in fuze, then screw in tilt rod extension.
FIRING POSITION: A minimum of 16 meters from rear of mine to fox hole. Friendly troops at side and rear should be under cover at a minimum of 100 meters.			Bury mine. Cross and extend hoses.
TO FIRE Disengage safety bar and depress handle.	Turn dial from SAFE to ARMED.	Complete camouflage	
TO DISARM Reverse arming procedure.	TO BURY Put mine in hole with pressure plate at or slightly above ground level.	TO BURY Put mine in hole with pressure plate at or slightly above ground level.	Lift safety latch and turn aiming lever to ARMED. Recross hoses.
TO DISARM Reverse arming procedure	TO DISARM Reverse procedure except DO NOT replace pull pin.	TO DISARM Reverse arming procedure.	Remove safety (pull ring assembly) and complete camouflage.

M21 METALLIC (KILLER) ANTITANK MINE	M21 ANTITANK MINE USED WITH M612 FUZE	M24 OFF-ROUTE ANTITANK MINE
Wt ... 18 lbs Explosive ... 10.5 lbs Fuze ... M607 Functioning ... 290 lbs. (Pressure or pressure ring or 20° deflection of tilt rod)	Has two 2.7m pneumatic heads, safety latch and arming lever	INSTALLING AND ARMING DISPENSER POUCH ACCESSORIES POUCH
Remove closing plug. Insert M120 booster in bottom, and replace closing plug		Remove above items from accessories pouch. Insert batteries (issued separately) in firing device.
Remove shipping plug from mine. Screw in fuze		DISCRIMINATOR LAID FOR WHEELED VEHICLES
		Uncoil discriminator starting at far side of road (perpendicular to edge for wheeled vehicles; about 15° from perpendicular for tracked vehicles).
Remove shipping plug-priming adapter. Insert blasting cap and screw into either cap well.	Turn dial to ARMED	
	Turn dial from SAFE to ARMED	Attach discriminator wire to DETECTOR of firing device (toggle switch on SAFE). Stand on two brown marks on discriminator nearest firing device. If lamp lights, circuit is good, otherwise, discard system.
Uncoil firing wire and connect directly to firing device with safety engaged.	TO BURY Put mine in hole with pressure plate at or slightly above ground level.	
	TO BURY Put mine in hole with pressure plate at or slightly above ground level.	DISCERNITOR ROCKET LAUNCHER
TO FIRE Disengage safety bar and depress handle.	TO DISARM Reverse procedure except DO NOT replace pull pin.	Disconnect discriminator wire from firing device. Remove launcher from dispenser pouch and place in position. Remove packing blocks, push rocket forward to safety band, and remove hand. Depress ejection pin and push rocket back into launcher until contacting ring is exposed at base. Grounding clip must be connected. Remove tagged shorting clip and push rocket back into launcher. Tape plastic covers over ends of launcher.
TO DISARM Reverse arming procedure	TO DISARM Reverse arming procedure	
		Position launcher on bipod assembly or mound of earth. Mount sighting assembly and sight along discriminator to target impact point about 1m above road (soldier's belt buckle). To aim, move launcher, not sight. Fill pouches with dirt, lay over launcher, recheck sight, remove sight, re-connect discriminator wire to firing device (light out), connect rocket cable to firing device, and push toggle switch to ARM. The system is now armed and will fire when pressure is applied to the discriminator. See TM 9-1345-200.

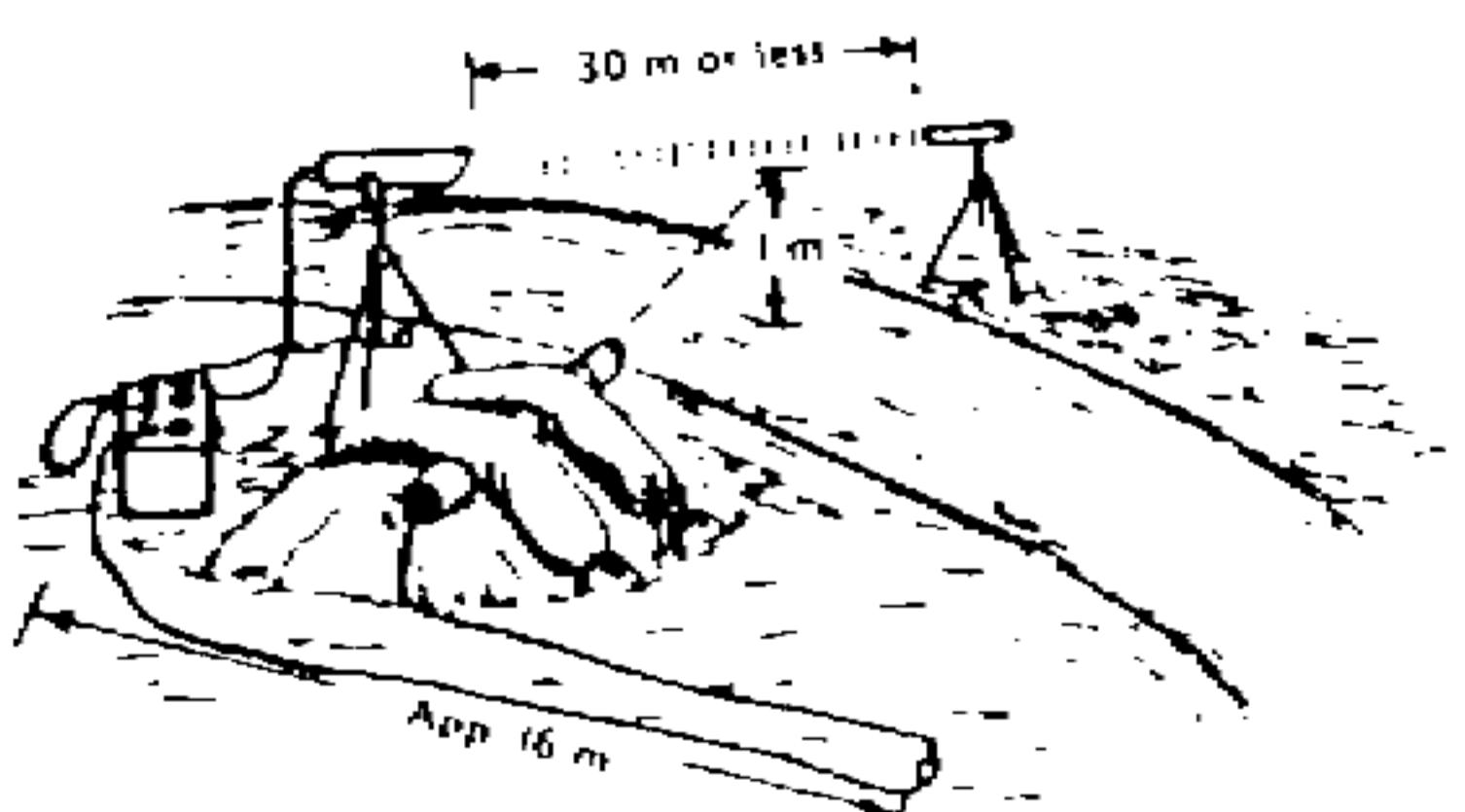
**M66
OFF-ROUTE ANTITANK MINE**



Assemble tripods, source and receiver assemblies. Install battery in source assembly.



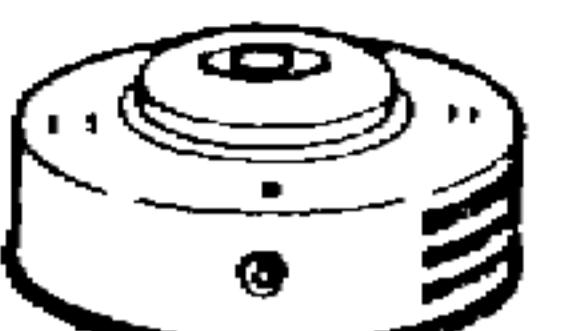
Select well camouflaged sites across road. Aim source assembly at receiver and about 1 meter above road center. Stake legs of tripod to ground. Aim receiver at source assembly. Connect Geophone cable, output cable w/test light, and receiver assembly cable to data processor. Install batteries in data processor. Hold Geophone steady and place hand in front of receiver. If test light functions system is operative (if light does not function check connections and source/receiver alignment). Disconnect Geophone and place hand in front of receiver. Test light should not function (if light functions system is inoperative and should not be used). If light does not function connect Geophone cable and press spike into ground.



Unwind firing cable from socket, slide socket forward from launcher enough to remove safety. Depress ejection pin and slide back into launcher. Position launcher and sight on impact point 1m above road center on source/receiver line. Secure launcher with sandbags. Position output cable and firing cable as shown. Test light should not function. If it does recheck connections and source/receiver alignment. Remove shorting plug and connect cables.

WARNING: Make sure all personnel are clear of launcher when testing circuits.

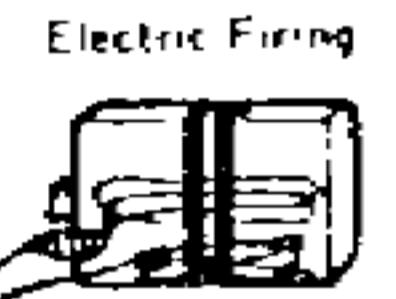
**M23 AND M1
1 GALLON
CHEMICAL
LANDMINES**



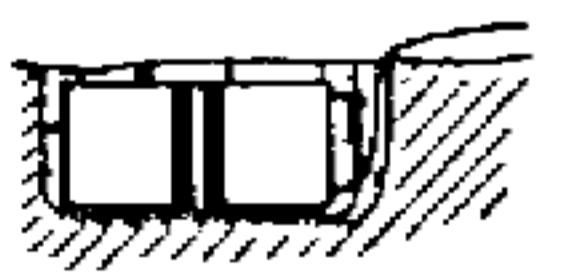
When armed for pressure detonation, emplace in same manner as the M15 antitank mine.



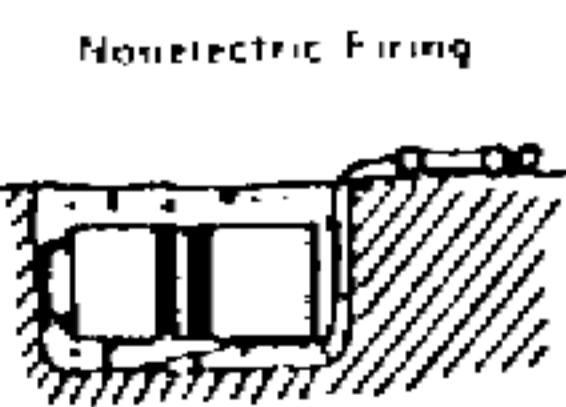
Wt. 11 lb. loaded has a 1.2m length of detonating cord for burster charge. May be armed for electric or tripwire actuation.



Attach burster charge + 1.2m length of detonating cord to side of mine.



Bury mine 40cm and attach detonating cord to controlled firing system.



Bury mine as above and attach nonelectric detonator to burster.

WARNING: Soldiers preparing, laying, and removing chemical landmines, must wear protective clothing.

**M1
PULL FIRING DEVICE**



INITIATING ACTION: 3 to 5 lb pull on tripwire.



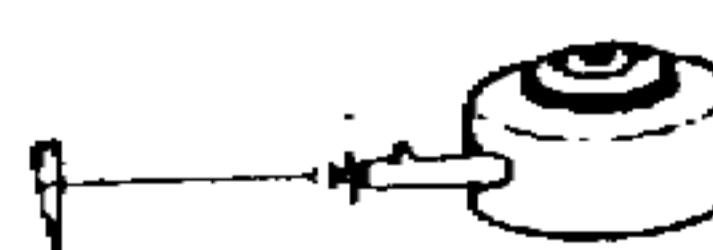
Remove protective cap from standard base and crimp on nonelectric blasting cap. Attach firing device assembly to charge. Attach anchored tripwire.



TO ARM: Remove locking safety pin first, and positive safety pin last.

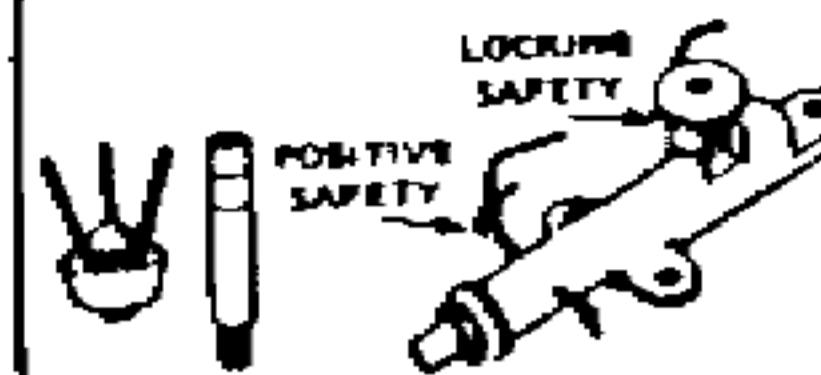


TO DISARM: Insert nail, length of wire, or original safety pin in positive safety pin hole first. Then insert similar pin in locking safety pin hole. Cut tripwire and separate firing device and explosive. Unscrew standard base.

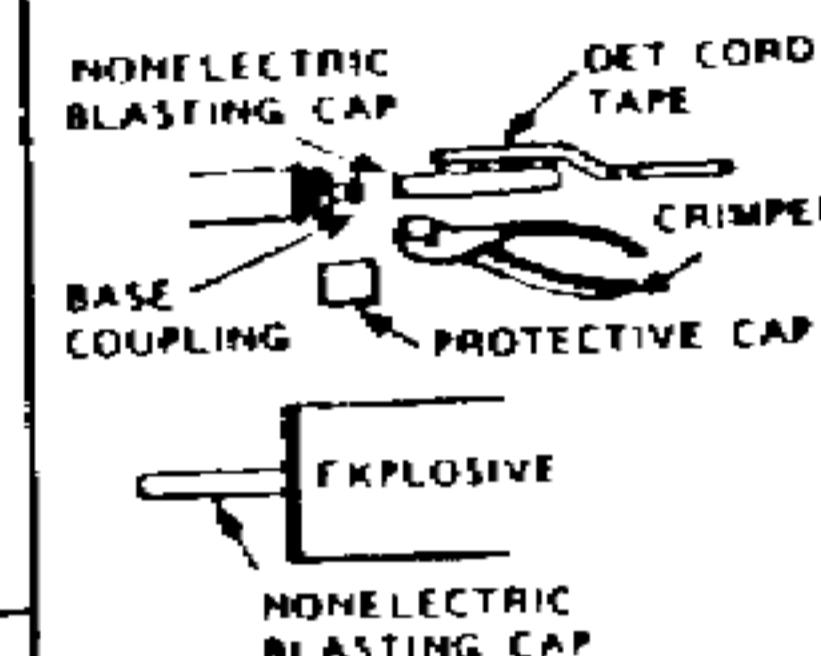


The M1 pull firing device can be used as an antihandling device on the M15 or M19 AT mines. The arming procedures are the same as above. The device is employed in the side fuse well and a tripwire attached from the M1 to a stake secured underground near the mine.

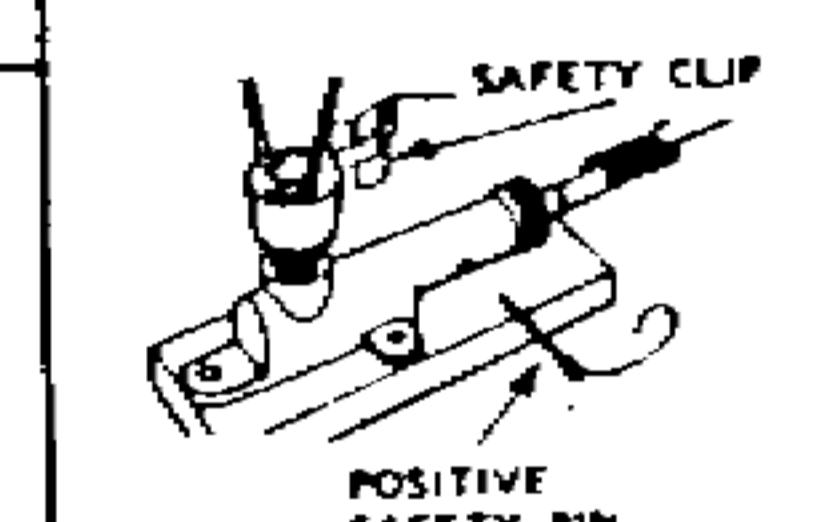
**M1A1
PRESSURE FIRING
DEVICE**



INITIATING PRESSURE: 10 lbs or more.



Remove protective cap from base and crimp on nonelectric blasting cap. Assemble det cord, nonelectric blasting cap, and firing device.



TO ARM: Remove safety clip. Then positive safety pin.

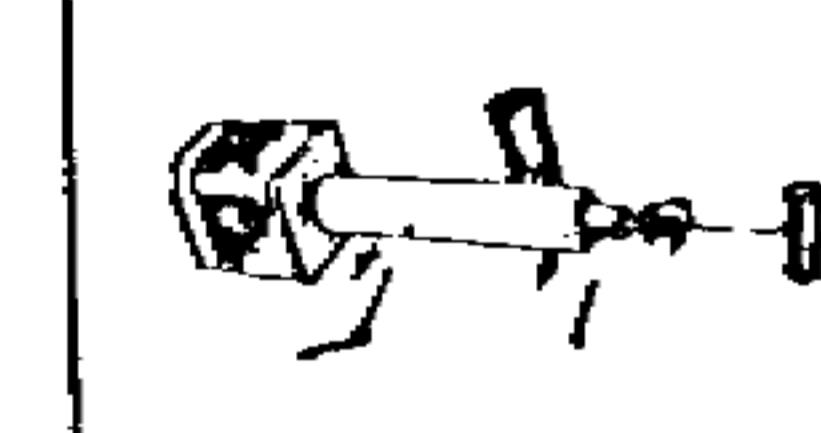


TO DISARM: Insert wire, nail or original pin in positive safety pin hole. Replace safety clip, if available. Unscrew base assembly from firing device.

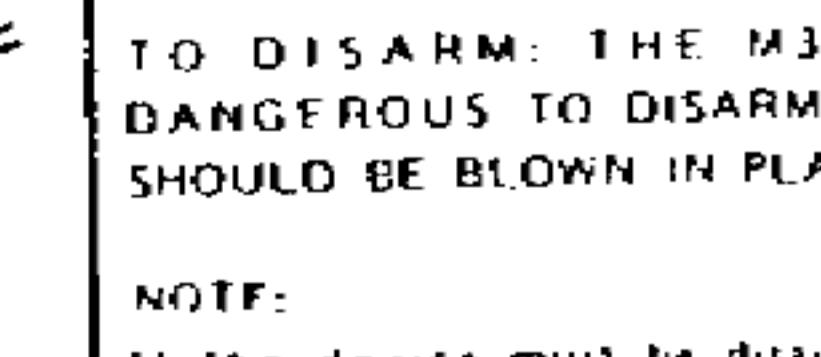
**M3
PULL-RELEASE
FIRING DEVICE**



Remove protective cap and crimp on a nonelectric blasting cap. Attach firing device assembly to anchored charge (must be firm enough to withstand pull of at least 6-10 lbs pull on tripwire). Put free end of anchored tripwire in hole in which with knurled knob, draw up tripwire until locking safety is pulled into wide part of safety pin hole.



TO ARM: With cord, remove small cotter pin from locking safety pin, and withdraw locking safety pin. If it does not remove easily, adjust which winding. With cord, pull out positive safety pin.



TO DISARM: THE M3 IS DANGEROUS TO DISARM. IT SHOULD BE BLOWN IN PLACE.

NOTE:
If the device must be disarmed proceed as follows: Insert length of wire, nail or original pin in positive safety pin hole first. Then insert length of wire, nail or original locking pin in locking pin hole. Replace safety clip, if available. Disassemble tripwire, firing device and explosive.

M5 PRESSURE-RELEASE FIRING DEVICE	M49A1 TRIP FLARE	HASTY PROTECTIVE MINING
<p>INITIATING ACTION Lifting 1.59cm or removing restraining weight (5lb or more)</p>	<p>Burning period 55 to 70 sec Illumination radius 300m Initiated by fast or loose tripwires</p>	<p>1. Hasty protective minefields are generally laid by small unit commanders at outposts, work sites, bivouac areas, or ambush sites. They may also supplement manned weapons, prevent tactical surprise, or give early warning of enemy advance.</p> <p>2. Mines should be readily detectable and removable and be sited across likely avenues of approach within range of organic weapons and visual observation.</p> <p>3. Depending on the situation, the field should be marked by signs or fences or have guards to warn friendly troops.</p> <p>4. The hasty protective minefield should be recorded on DA Form 1335-1 (page 8). If not available a form should be improvised. The unit that installs the field should warn adjacent units if possible, and inform higher headquarters. This unit must remove the field before leaving the area or transfer the responsibility to the relieving unit commander.</p>
<p>TO ARM: Remove thin wire (locking safety) and then heavy wire (positive safety) from interceptor hole. FOLLOW ARMING PROCEDURE CAREFULLY</p>	<p>TO ARM: Remove safety clip.</p>	<h3>RULES FOR A STANDARD PATTERN MINEFIELD</h3> <p>TRIPWIRES</p> <ol style="list-style-type: none"> No tripwires in the IOE Tripwires employed on the enemy side of the strip only. No more than two tripwires per cluster No more than one tripwire mine per cluster Tripwires no closer than 2 meters from any safety lane Tripwires no closer than every third cluster <p>CLUSTER COMPOSITION</p> <ol style="list-style-type: none"> No more than 5 mines per cluster No more than 1 AT mine per cluster First cluster always on enemy side of strip. <p>WARNING: Never look directly at burning flare. Note: For loose tripwire initiation, attach tripwire to eye of safety pin.</p>
<p>TO DISARM: Insert safety pin.</p>	<p>TO DISARM: Insert length of heavy gage wire in interceptor hole. Bend wire to prevent dropping out. Proceed carefully, as the slightest disturbance of restraining weight may detonate the mine. Disassemble firing device and mine.</p>	

HASTY PROTECTIVE MINEFIELD RECORD
(FM 20-32)

INSTRUCTIONS

- DETERMINE AN HASTY REFERENCED POINT ON THE GROUND IN FREE & STUMP A STAKE OR THE HEAD ORIENT THE POINT (THE BLANK PIN) OF THE REVERSE OF TYPE 0 IN THE CENTER POINT OF THE CIRCLE TO THE DETERMINED REFERENCE POINT ON THE GROUND.
- DETERMINE POINT TO A LARGE MARK WITH A ROAD AND TIME HOUR TURNER ETC.
- COMPLETE THE AZIMUTH BLOCK.
- COMPLETE THE FOLLOWING INFORMATION IN THE IDENTIFICATION BLOCK, UNIT KEY PT, REFEREE MAP, AND SHEET NO NAME NAME OR IC.
- STARTING FROM THE REFERENCE POINT, RECORD THE MAGNETIC AZIMUTH IN DEGREES (1) AND DISTANCE IN FEET (2) OF EACH LEG FROM THE FRIENDLY POSITION TOWARD THE ENEMY POSITION AND FROM RIGHT TO LEFT OR LEFT TO RIGHT ACROSS EACH ROW OF MINE. HOWEVER, ALL POSES MUST BE BROADCAST IN THE SAME DIRECTION FROM WHICHVER DIRECTION IS USED THE STARTING POINT OF THE ROW MUST BE MARKED AS AT ETC. AND THE ENDING POINTS MARKED AS BY ETC. AS SHOWN IN THE EXAMPLE EACH MINE IN EACH ROW WILL BE NUMBERED SEQUENTIALLY FROM THE STARTING POINT TO THE LAST MINE IN THE ROW.
- FILL IN THE TABULAR BLOCK. FOR EXAMPLE:

1. FILL IN THE SCALE IF PROVIDED. SPACE IS PROVIDED. SCALE: 1000 FT. TABULAR FILL IN THE PAGE IN READERS IN THE RIGHT MARGIN.

2. MAKE ALL MINEFIELD REPORTS MENTION INITIATION, COMPLETION, TRANSFER AND CHANGE BY SOME DECIDE MEANS.

3. NOTE WHAT HAS BEEN USED TO IDENTIFY AT & BY ETC. AND DRIVE PLEM WITH GROUND STEEL POINT OR STAKE POST WRAPPED WITH ENGINEER TAPE ETC.

SCALE: 1000 ft = 25 paces

AZIMUTH BLOCK

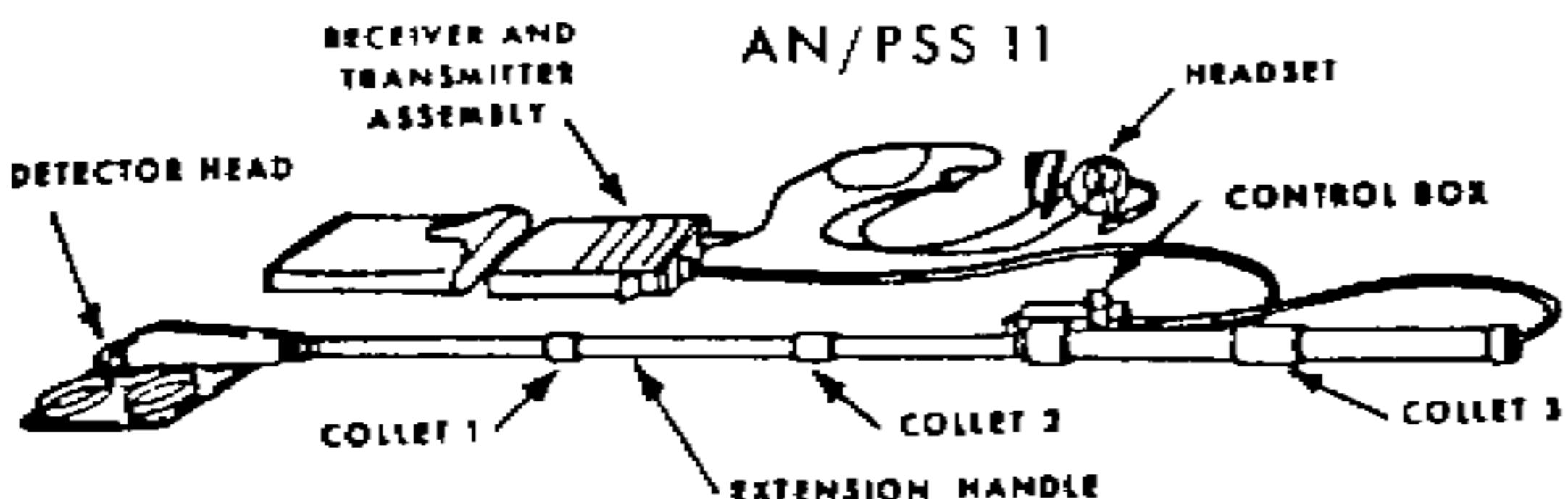
Enemy	Mag North
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IDENTIFICATION BLOCK

Unit 2 nd PLT, A Co., 1-4 th 2 BDE, CAV			
Ref Pt U SHAPED STEEL STAKE			
Remarks Points A1 & A2, B1 & B2 ARE MARKED WITH 2"X2" STAKES			
Map & Sheet No. T-1307 556B			
Name/num of OIC 1/2 1/2 1/2 1/2			
Signature S. Major 1/2 1/2 1/2 1/2			
Mines removed			
Mines transferred			

DA Form 1335-1, R

DETECTOR OPERATING INSTRUCTIONS



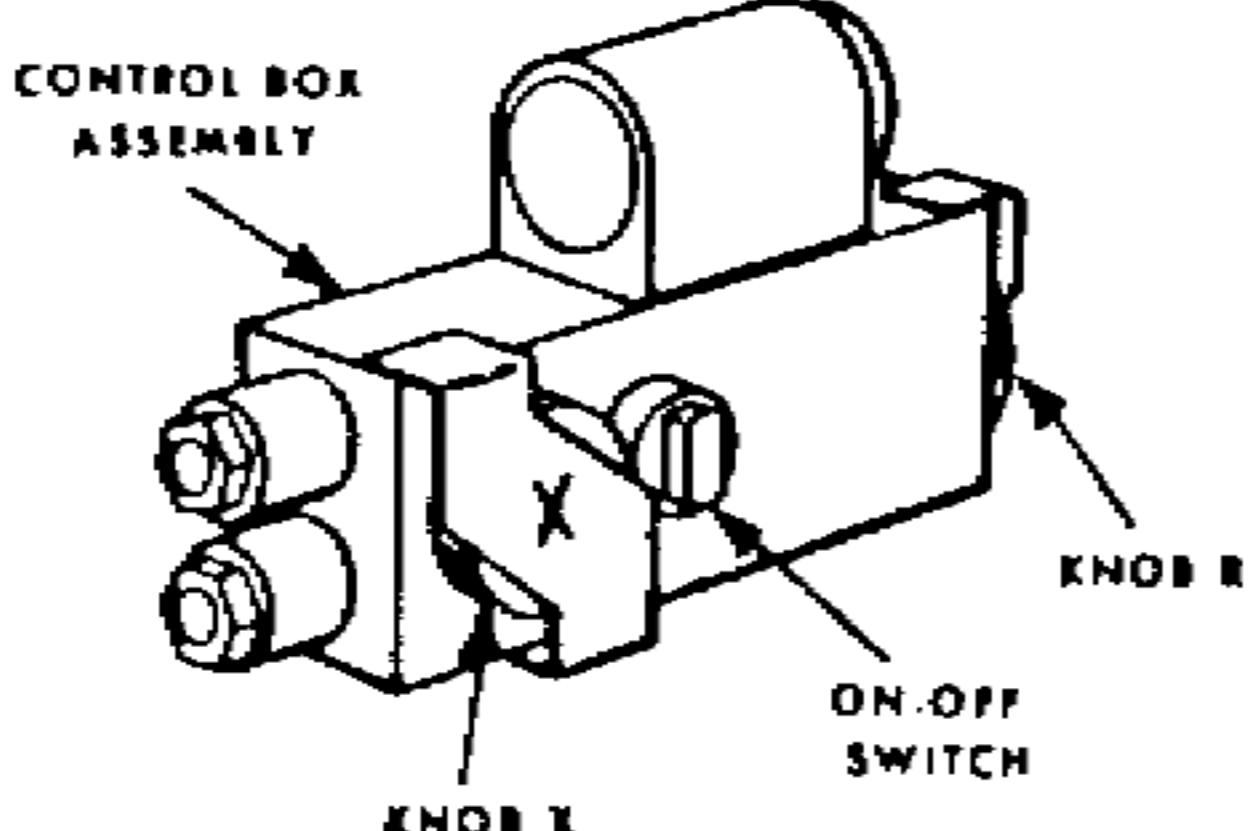
1. ASSEMBLY

- Loosen pressure release valve on front of case (opposite handle) by 2 counterclockwise turns. Then open case.
- Remove transmitter assembly, head set, and search head assemblies, and 1 silver chloride battery from case.
- Remove battery cap from receiver-transmitter case and insert battery — negative end first or detector will not operate. **WARNING:** Never throw silver chloride battery in fire. It may explode.

- Connect extension handle to search head assembly. Pull back on collar to expose key pin, then line pin with slot on lock ring, and slide collar forward.
- Extend handle to proper length by loosening and pulling out extensions and retightening collets.
- Attach audio frequency receiver-transmitter assembly carrying case to standard pistol belt by means of keeper and slide provided.
- Put head set on operator, making sure that pressure on earcups is enough for a partial seal against external noises.

2. TUNING

- With head set on, hold search head 1.5 m above ground away from all metal.
- Turn ON-OFF switch to intermediate position.
- Turn both Knob X and Knob R as far as possible either clockwise or counterclockwise. Back off Knob R exactly 5 full turns. Then adjust Knob X to obtain a minimum null signal.
- If there is no signal:
 - Check battery for correct installation and inspect cables and all connections for breaks.
 - Check color-coded modules for faulty operation by process of elimination. Each module has different plug-in pins. (A complete set of extra modules is included in carrying case).



3. SWEEPING

- Sweep in a 3m swing. This gives a 2m clearance with a .5m overlap on each side.
- Adjust position controls for proper operation:
 - LOW POSITION:** Used in areas containing shrapnel or metallic fragments. Hold search head 2 to 8 cm above ground. Detector will signal only large objects at this adjustment.
 - INTERMEDIATE POSITION:** Used in areas strewn with small metal fragments to search for small anti-personnel mines.

Hold search head 2 to 8 cm above ground. At this adjustment, detector is more sensitive than at low position.

(3) **HIGH POSITION:** Used in nonmetallic soil to detect metal fuzed mines or nonmetallic fuzes with metal firing pieces. Hold search head 2 to 8 cm above ground. Detector is the most sensitive at this adjustment.

CAUTION: Keep detector clean and dry and the case closed to keep it from getting wet on the inside.

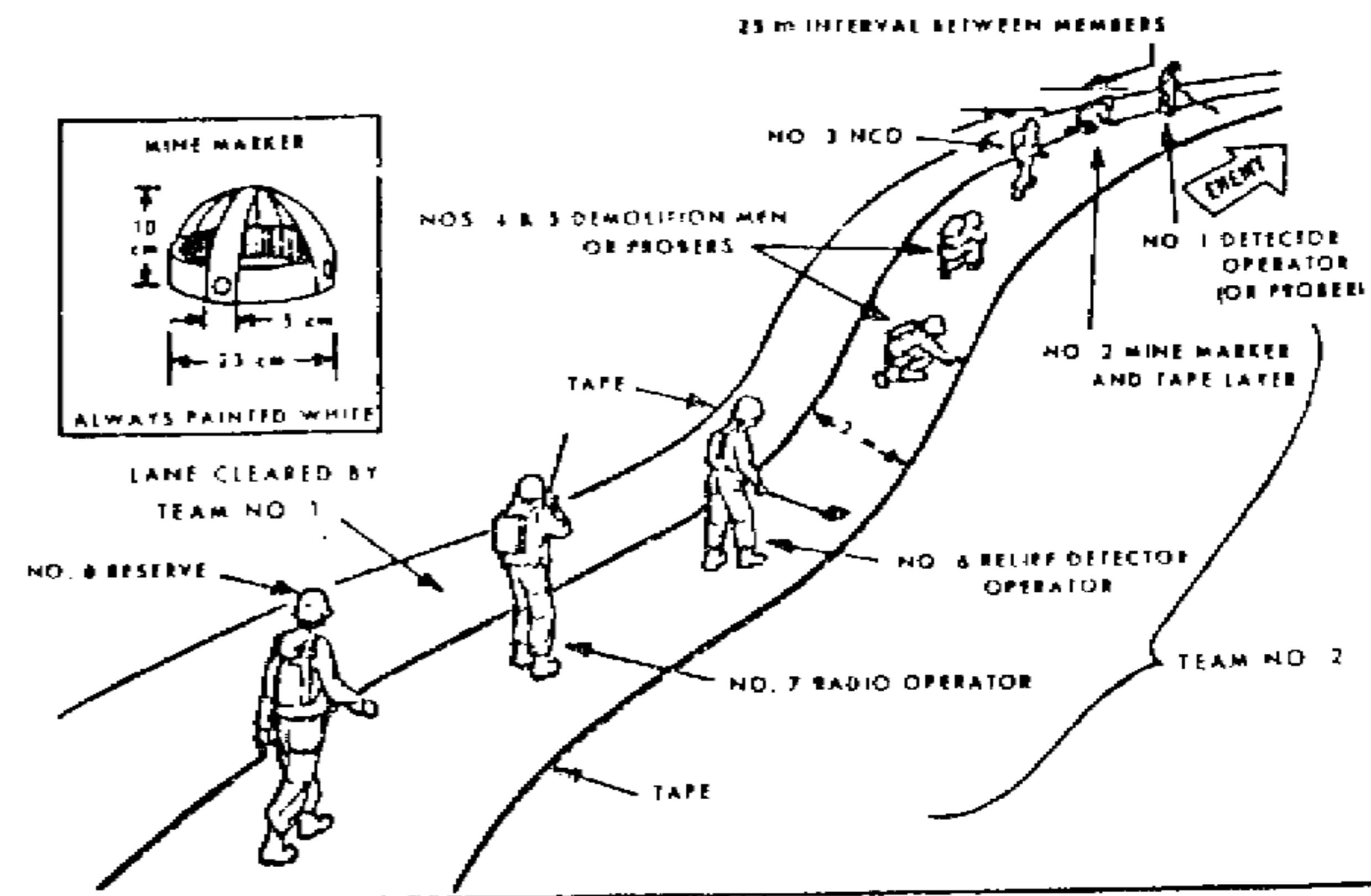
MINEFIELD BREACHING

- Mines located by visual inspection, probing, or electric detectors may be clearly marked and bypassed, detonated in place, pulled out by rope and A-frame, or hand neutralized. By passing is usually the best course of action but located mines should be clearly marked.
- Grapnels are useful to detonate mines in place, especially those with trip wires and tilted fuzes. Have all persons behind cover when grapnel is thrown to insure against casualty if grapnel detonates mine when it drops to ground.
- To detonate mines in place, trained demolitionists may fire a 1-pound charge of explosive on top of each mine (FM 5-25).
- To remove mine by rope, unhook it sufficiently to insure handle or projection to attach rope. After attaching rope, take cover about 50M away before pulling mine from hole. IF IT DOES NOT DETONATE, WAIT 30 MINUTES, then investigate.
- To remove by hand, restrict operations to only trained Engineer or EOD specialists. Being extremely hazardous, hand removal should be undertaken only when tactical situation demands it.

PLATOON ORGANIZATION FOR MANUAL BREACHING (FM 20-32)

Personnel	Officer	NCO	EM	Equipment -
Officer in charge	1			Lensatic compass, map, radio, and individual weapon.
Platoon sergeant		1		Same as OIC, except no radio.
No. 1 breaching party		1	7	2 portable detectors, 2 probes, mine markers, marking tape or wire on reels, safety pins, clips, smooth wires (46 cm lengths) 1/2-in. blocks of explosive blasting caps, detonating cord, safety fuse, fuse lighters, crimpers, and portable radio.
No. 2 breaching party		1	7	Same as No. 1 breaching party.
No. 3 breaching party		1	7	Same as No. 1 breaching party.
Support party		1	10	Same as No. 1 party, plus, sledges or mauls, hammers, pliers, wire cutters, 5 cm by 10 cm stakes at least 1.8 m long, individual weapons, litters, lane-marking signs, gauntlets, barbed wire, and stakes.
Totals	1	5	31	

DUTIES OF MEMBERS OF BREACHING PARTIES (FM 20-32)



MINEFIELD RECORD									
					SPECIMEN				
CG, 11 TH ARMD CAV DIV			Date 060500Z JAN 1975		Time 061800Z JAN 1975			Cage No. 1051 Area 1111 Sector	
1 ST PLT, CO A, 547 TH ENGR BN(CBT)			Reported by PFC RONALD E WIESE 398 403966		Entered by PFC RONALD E WIESE 398 403966			DEFENSIVE TALBOTVILLE 1 50,000 L DNG721	
LANDMARKS									
No.	Description	Description							
UT 22008800	NORTHEAST CORNER OF ROAD JUNCTION U-SHAPE PIGLET DRIVEN BLUSH WITH THE GROUND	THREE SHORT U-SHAPE PICKETS WITH 12" LEFT ABOVE GROUND WRAPPED WITH BARBED WIRE							
UT 22059761	NORTH WEST CORNER OF BRICK BUILDING								
INTERMEDIATE MARKERS									
No.	Description								
3M	COMB. WIRE PEGGED ON & MINES STORED IN LANDMARKS 2 U-SHAPED PICKETS AT 9-M15, 27-M26, 18-M14 ENTRANCE AND AT EXIT								
LINES									
No.	Mark	Marker	Previous for Closing						
3M									
NOTES									
1. IOE LINE CLUSTERS (ALL OTHERS ARE NUMBERED BUT OMITTED) II-1 4, 10, 15, 18, 24, 27, 28, 29, 30; II-3, 5, 8, 13, 19, 22, 26, 27, 28, 29, II-2 1, 11, 16, I4-1, 3, 4, 8, 11, 14, 21, 25, 30, 33									
2. NUMBERED OMITTED CLUSTERS: (A) FOR LINE - IOE - NONE; A-57, 58, 59, B-44, 47, 48, C-47, 48, 49, D-49, 50, 51 (B) OTHERS EXCEPT IOE A-1, 5-TREES; B-99-TREES C-87-ROCK, D-99-CONCRETE SLAB									
3. CLUSTERS WITH ANTI-HANDLING DEVICES ON AT MINES. IOE-II-17, 29, II-19, 28; II-16, I4-21; A-12, 56, B-35, C-25, D-20 D - NONE									
4. CLUSTERS W/TRIP WIRED APRMINES: A-11, 57, B-35, 31, C-3, 15, 21, 23, 91, D-40, 41									
5. STRIP CLUSTER COMPOSITION: IOE, A, B, ALL CLUSTERS, I-2-2, C-1-2-1, D-3-1									
6. ALL SAFETY CLIPS/PINS FOR EACH STRIP ARE BURIED 30CM (12 INCHES) TO THE REAR OF EACH STRIP MARKER ON LEFT BOUNDARY.									

